

**NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 3-16-98 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office

1. DRAWINGS. 37 CFR 1.84(f). Acceptable categories of drawings:
 Black and white drawings only. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(j). Abbreviations may delay filing of the new drawings if they are not submitted in a timely manner. Color drawings are not acceptable until patent is granted.
 Fig(s) _____
 2. PHOTOGRAPHS. 37 CFR 1.84(b)
 One full-tone set is required. Fig(s) _____
 Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
 3. TYPE OF PAPER. 37 CFR 1.84(e)
 Paper of flexible, strong, white, and durable quality, with edges straight and uniform, thick and well defined, clean, durable, and black (poor line quality).
 Fig(s) _____
 Erasures, alterations, overwritings, interlineations, (faded) machine marks not accepted. Fig(s) _____
 Mylar, vellum, paper, is not acceptable (too thin).
 Fig(s) _____
 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4)
 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 All drawing sheets not the same size.
 Sheet(s) _____
 Drawings sheets not an acceptable size. Fig(s) _____
 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____
 6. VIEWS. 37 CFR 1.84(h)
REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 Brackets needed to show figure as one entity. Fig(s) _____
 Views not labeled separately or properly. Fig(s) _____
 Enlarged view not labeled separately or properly. Fig(s) _____
 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 Hatching not indicated for sectional portions of an object. Fig(s) _____
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

1. Correction of Inadequacies-37 CFR 1.82

is unacceptable to the Office if it fails to meet the requirements of 37 CFR 1.84(f). Abbreviations may delay filing of the new drawings if they are not submitted in a timely manner. Color drawings are not acceptable until patent is granted.
 When page is either upright or turned so that the top becomes the right side, except for graphs. Figs(s) _____
 1.30. The drawing should be set with a margin of at least 1/2 inch all around. Fig(s) _____
 2. Drawing not Cylindrical
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
 10. CHARACTER OF LINES, NUMBERS, & LETTERS.
 37 CFR 1.84(i)
 Abbreviations, legends, and symbols not clearly and uniformly legible. Fig(s) _____
 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
 37 CFR 1.84(p)
 English alphabet not used. Fig(s) _____
 Figures legends are poor. Fig(s) _____
 Numbers and reference characters not oriented in the same direction as the views. 37 CFR 1.84(p)(1)
 Fig(s) _____
 All characters not plain and legible. Fig(s) _____
 Margins not acceptable. Fig(s) _____
 Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____
 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
 16. CORRECTIONS. 37 CFR 1.84(w)
 Corrections not made from prior PTO-948 dated _____
 17. DESIGN DRAWINGS. 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) _____
 Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER CHASE DATE 6-2-99 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. _____